

ENGAGING, INVOLVING AND EMPOWERING: Triple Approach to Stakeholders' Collaboration on the Production of Enhanced Arctic Climate Prediction

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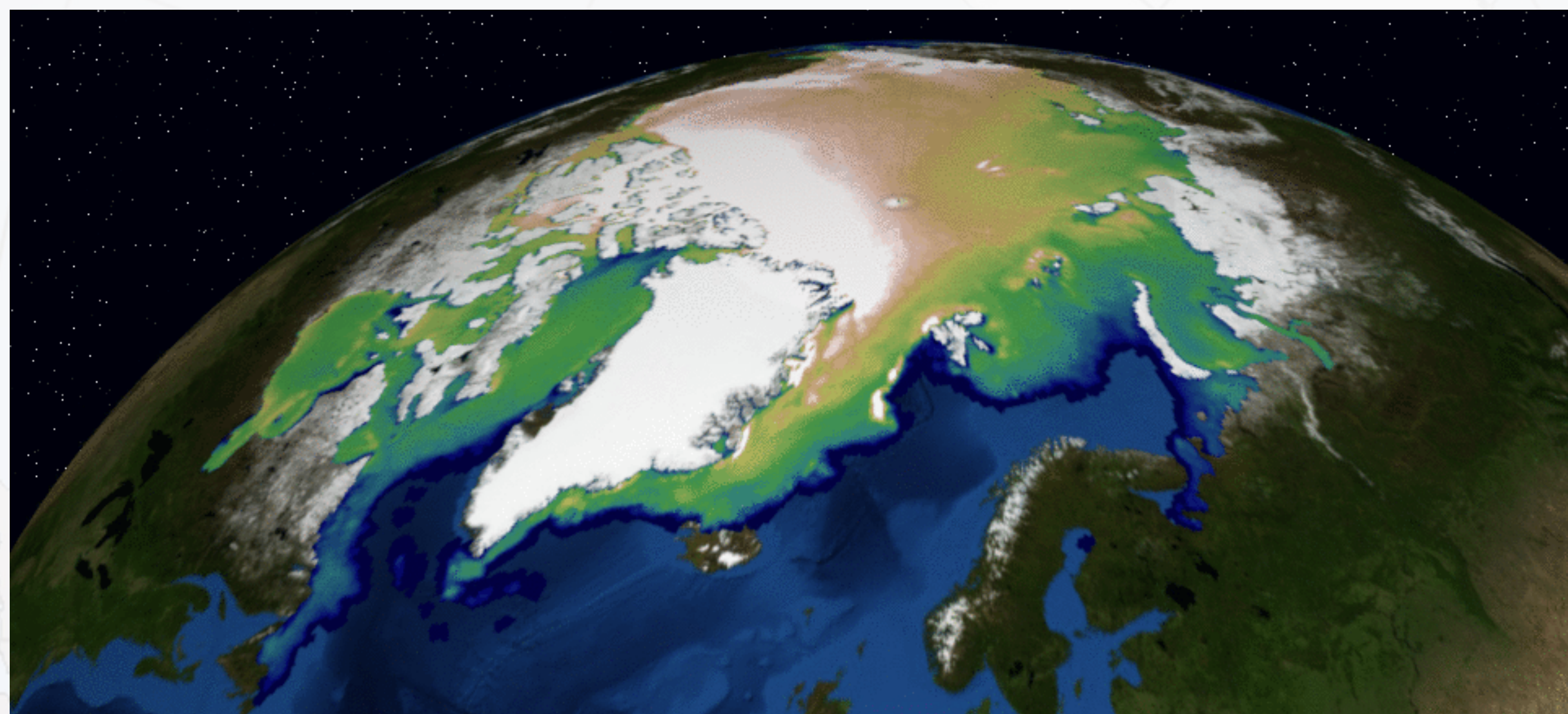
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APPLICATE PROJECT

The **APPLICATE** project develops enhanced predictive capacity for weather and climate in the Arctic and beyond, determining the influence of Arctic climate change on the Northern Hemisphere.

To provide at the same time scientifically robust and user relevant and usable knowledge about the climate and weather in the Arctic, the project needs to maximise exposure of the science produced to different users and collect and consider feedback from them. APPLICATE thus assures continuous knowledge exchange with Arctic stakeholders, including policy makers, businesses, society and academia.

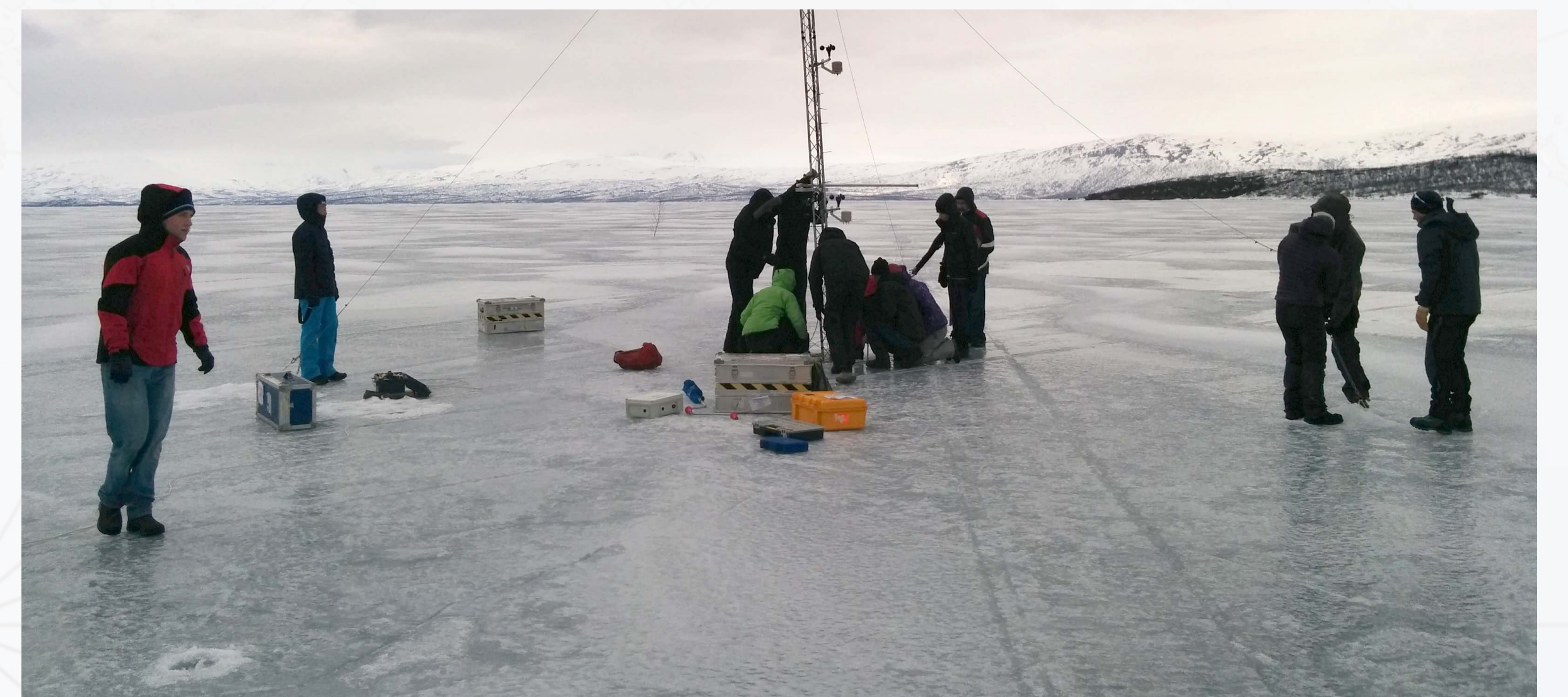
Going beyond basic information dissemination, APPLICATE employs various user engagement techniques to share and shape knowledge with stakeholders.



ARCTIC STAKEHOLDERS

The Arctic environment is changing rapidly, breaking ground for new business opportunities, while at the same time raising new challenges for the Arctic socio-ecological system. Enhanced predictions of weather and climate could boost development opportunities and help coping with the potential risks from the changing climate. To make this new predictions an asset for the potential users, the project engages with three main stakeholder groups:

- ♦ **Public and private sector** – users who can benefit from enhanced operational predictive capacity across time scales.
- ♦ **Society at large** – less experienced users, including the general public and communities who possess local knowledge.
- ♦ **Scientific community** – advanced data users who can indicate gaps in scientific knowledge.



STAKEHOLDERS' ENGAGEMENT IN APPLICATE

ENGAGING through various communication channels

PROJECT WEBSITE

The website is a primary channel for communicating about the project.

applycate.eu

SOCIAL MEDIA

Interactive communication channels, such as Twitter, enable engaging with various stakeholders in a two way communication.

[@applycate_eu](https://twitter.com/applycate_eu)



EU ARCTIC CLUSTER

Collaboration with relevant international projects and participation in the EU Arctic Cluster further maximises the project outreach.

eu-polarnet.eu/eu-arctic-cluster/

Project website



INVOLVING through meetings and online interaction

WORKSHOPS and MEETINGS

Promoting the project and disseminating results in relevant international events will strengthen the role of the project as a base of cutting-edge research.

USER GROUP

Regular meetings and virtual consultations with representatives of stakeholders from different sectors assure timely response and feedback to the project outputs and help shape them to user-relevant products.

USER BLOG

Polar prediction matters blog is hosted at the Helmholtz Blog and developed and maintained together with the YOPP and Blue-Action projects. The blog publishes articles written by stakeholders sharing their experiences in the Arctic, use of climate data and similar topics. This will launch a discussion on the proposed topics.

User Blog



EMPOWERING through focused relationships and training

FOCUSED RELATIONSHIPS

Stakeholders participate in the project meetings and in co-development of user relevant metrics. This active collaboration helps produce sound project results, shaping climate data into relevant products and services that support stakeholders' decision making.

WEBINARS AND ONLINE COURSE

A three-month course and a webinar series on *Advancing predictive capacity of Northern Hemisphere weather and climate* will increase knowledge and improve stakeholders' capacity for using climate and weather data.

SUMMER SCHOOL

Young researchers – current and future users of weather and climate data – will improve their knowledge on the topics, theories and methods applied in the project, and build a network of well-informed future stakeholders in the Arctic.



CONCLUSIONS

User engagement activities in the APPLICATE project facilitate exchange of perspectives, ideas and opinions between stakeholders and the project scientists, producing trustworthy predictive information for decision making and improving stakeholders' capacity to adapt to the new conditions in the Arctic.